Above and Beyond

Building on the Foundation of Navy ERP

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Agenda

- Navy ERP Overview
- Program Deployment Schedule
- Business Process Standardization
  - Data Standardization Working Group
- Business Intelligence
- Navy ERP Sustainment
  - Sustainment Enhancements

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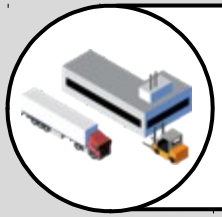
Navy ERP Overview

Integrated Business Management System

Financial and Acquisition

- Financial Management: General Fund & Navy WCF
- Procurement
- Work Force Management
- Program/Project Management



Wholesale and Retail Supply

- Planning
- Allowancing
- Procurement
- Repair of Repairables
- Order Fulfillment

Modernizes & Standardizes Business Operations

- Common processes and data support real-time information exchange across the Navy
- Navy ERP will enable DON to have auditable financial statements

Provides Management Visibility Across the Enterprise

- Single entry, single source data, single view of organizational status
- Asset visibility allows better management of inventories
- Currently, ~47% of the appropriated Navy's TOA is managed within Navy ERP, with a

Increases Effectiveness & Efficiency

- The Navy is currently turning off legacy systems and eliminating their maintenance expense
- Navy ERP implements streamlined processes, standardized across DON

PROPELLING TRANSFORMATION

NAVY ERP PROGRAM

Utilizing commercial off-the-shelf product and business process reengineering, the ACAT-I Program Office is comprised of subject-matter experts, industry partners, and its customer commands

Continued Deployment

Navy ERP Interfaces

Navy:	30
OSD/ BTA:	8
DLA:	3
DFAS:	9
Treasury:	1

Deployment Order:
- 1.0 - Financial & Acquisition
- 1.1 - Wholesale & Retail Supply

NAVY INTERFACES

1.0 Financial Acquisition
- DONIBIS
- DONCADS
- MISIL
- MPCS
- NALCOMIS
- NES
- OPINS
- PBIS
- RAPS
- TFMMS
- UICP

1.1 Supply Chain Management
- CDF-NG
- CDMD-OA
- CFMS
- CPEN
- eRMS
- FACTS
- G02APU
- ICAPS
- ITIMP
- NALCOMIS-OIMA
- NDMS
- OTS
- PARTS
- Readiness Suite
- REMAD
- SLDP
- TIER 2
- TRIDENT LDS

DoD INTERFACES

1.0 Financial Acquisition
- ADS
- APVM-EUD
- CCR
- DAAS
- DCAS
- DCD
- DCPS
- DDRS
- DTS
- FRB
- FRS
- IPAC
- myInvoice
- PPVM-EUD
- SPS
- STARS-HCM
- WAWF
- WEBCMET

1.1 Supply Chain Management
- FLIS
- RMDC
- SABRS
- STARS-FL

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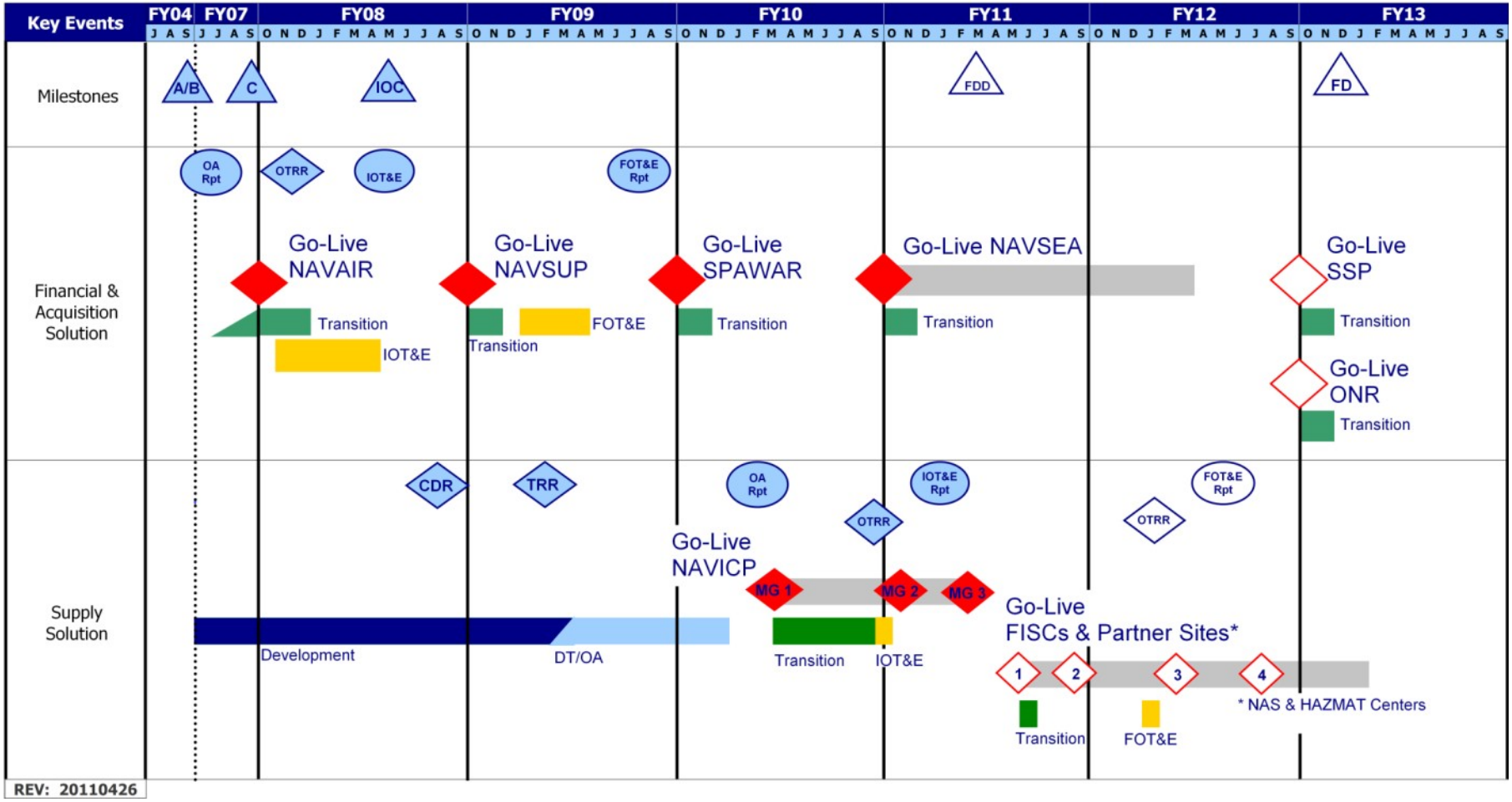
Program Deployment Schedule



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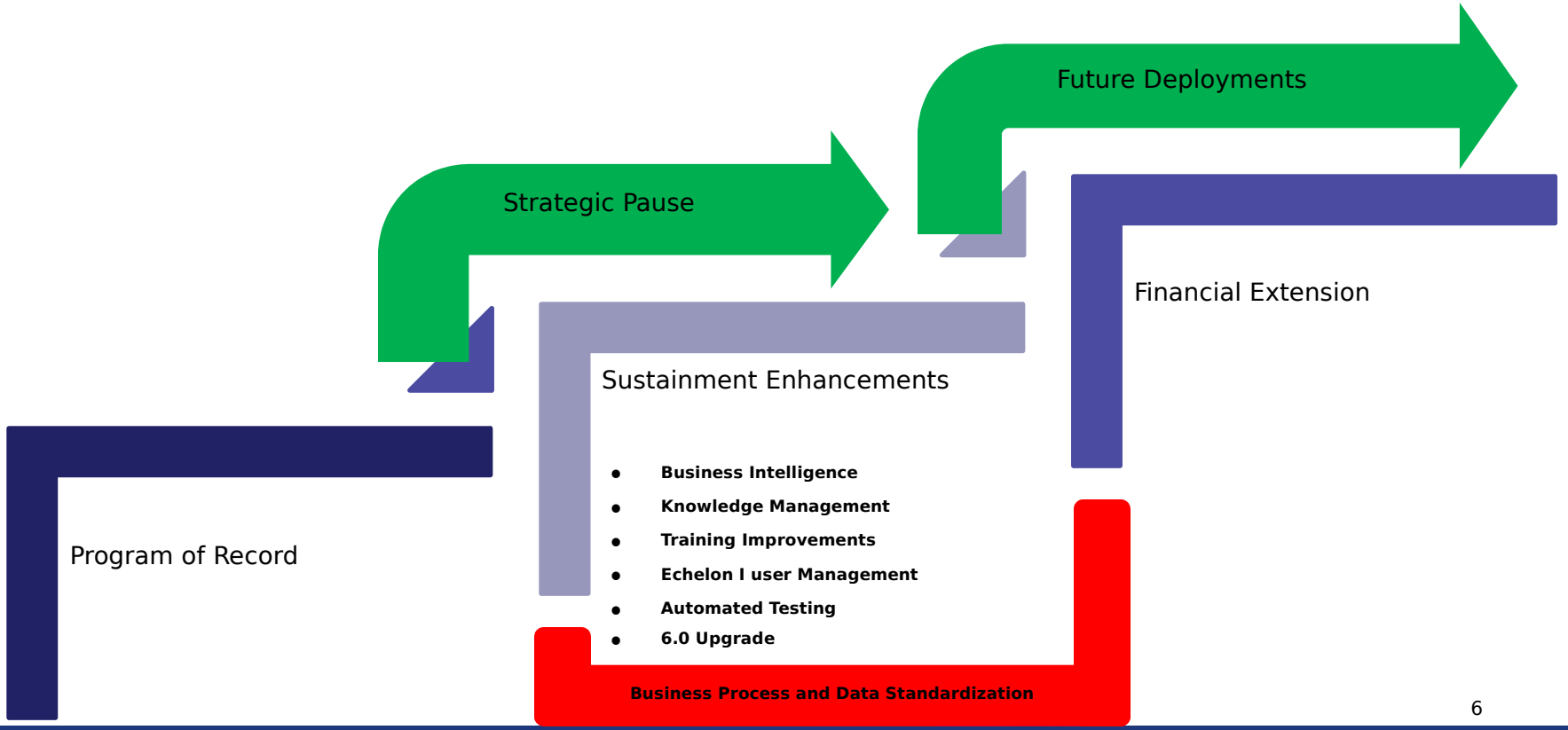
Building on the Foundation of Navy ERP

Goals of the Strategic Pause include:

1. **Contribute to improving the reliability of the implemented end user support processes including enterprise search and an enhanced blended learning approach to training.**
2. **Decrease sustainment costs through the use of the features and functions of the tools that are currently implemented in the Navy ERP application landscape.**
3. **Improving accessibility to data with enhanced Enterprise Reporting.**



Business Process Standardization

Purpose:

- The Business Process Standardization initiative is a key step toward achieving the Navy's goal of obtaining and maintaining a clean audit opinion.
- Meet the objectives of the Federal Financial Management Improvement Act (FFMIA) of 1996 and OMB Circular A-123.

Intended Outcome:

- Repeatable, measurable, cost effective auditable processes.
- Economies and efficiencies gained from standard practices across the DON.
- Accelerate audit readiness and FFMIA compliance.
- Standardize the fewest possible methods used to execute business practices that result in financial events.
- Produce Navy-wide SOP/Desk Procedures.

Process:

- Build a current Financial Management process inventory.
- Identifying financial management best practices for Navy-wide application.
- Draft Navy-wide, system agnostic process standards for review by FMO and Navy commands.
- Identifying key drivers of variation within Navy financial processes.
- Finalize Process Standards through the collaboration of Navy Commands and FMO. Implement Standards across Navy Enterprise.

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Data Standardization Efforts

Data Standardization is a critical component for effective enterprise reporting and business analytics

What is the Navy doing to standardize its data across the Navy ERP and Legacy Environments?

- Established a cross functional and command working group to unify Navy data (Data Standardization Working Group).
- Develop data standardization solutions that improve Enterprise-wide financial, asset inventory, Total Force, and acquisition visibility to ensure accurate, consistent and actionable data is available to decision-makers.

The Navy has identified several data standardization "Quick Wins" including:

- Linking of Product and Service Code (PSC) to Object Classification Code/Inflation Cost Category (OCC/ICC)
- Inconsistency in Interpretation of Object Classification Code/Inflation Cost Category (OCC/ICC)
- Inconsistent Use of Inflation Cost Category (ICC)

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Reporting and Business Intelligence

Moving the Navy Financial Manager from Transactional to the Analytical

Enterprise View	Ad Hoc Reporting	Dashboards	Empower End Users	Integrate Sources

Business Intelligence is largely a value proposition that:

- Enables strategic view to drive cost efficiencies across the Navy Enterprise
- Creates insight into business performance that drives decision-making and execution
- Improves access to current information through upgraded tools
- Facilitates end user self-service
- Reduces IT costs for custom report development
- Leverage previous investments made in architecture, tools, technologies, and existing work as much as possible

Navy Business Intelligence Guiding Principles:

- Use the right tool against the right data
- Take into account the differing needs and capabilities of both large and small Commands
- Access to data and BI tools will be consistent across all customers and allow for timely and flexible reporting.
- Deploy in a phased, controlled, and cost effective manner

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Sustainment Enhancements

The Sustainment Enhancements are comprised of the following components:

1. **Improving knowledge management tools.**
2. **Expanding integration of the training material and end-user resources.**
3. **Providing user management services for Echelon I users.**
4. **Expand utilization of existing IT resources to execute automated testing.**
5. **Conduct a SAP ECC 6.0 Upgrade to maintain currency with vendor software to improve maintenance and support capabilities.**

Knowledge Management Enhancement

Training Material Enhancement

Echelon I User Management Enhancement

Automated Testing Enhancement

SAP ECC 6.0 Upgrade

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Knowledge Management Enhancement

Improve knowledge management self-service content access in a web-based and easily accessible interface.

- Standardize taxonomy used across all program of record commands as it relates to content and Knowledge Management. This also applies to help desk and support taxonomy.
- Improve enterprise search tools to assist end users find the right help when they need it without having to utilize help desk support.
- Increase effectiveness of learning and support capabilities through enhanced integration of SAP's Learning Solution, SAP Productivity Pak, and CONSONA.

Take advantage of new synergies created with Knowledge Management and Learning Management tools.

- SAP Productivity Pak creates a repository of dynamic context sensitive learning objects.
- SAP's Learning Solution allows for the creation and tracking of learning requirements for a user. This includes many types of learning including classroom courses, web based courses, and other online/offline content.

Training Material Enhancement

Update, validate and load training material into self-service environment.

- Training material updates will focus on ensuring end-users can access the system and materials as an information asset that will help them perform their daily tasks.
- Documents to update include: How-to Guide, Basic SAP Navigation, and Resolutions to past issues.
- Users will be able to access content from a variety of sources including natively in Navy ERP through use of the SAP Productivity Pak and through a self service web portal utilizing CONSONA.
- Deploy training metrics to measure the effectiveness of training.
  - Metrics will help identify sustainment issues and training improvement opportunities

Systems Commands will retain localized materials due to their unique business requirements; however, overall effort will be to find best practices and extend throughout Navy ERP Enterprise.

- Analyze current SYSCOM training materials and look to find examples of best practice currently in use in Navy environment before creating new procedures.
- Provides a vehicle to transition the training expertise from SYSCOMs to Navy Enterprise

User Management for Navy Enterprise

Establish Enterprise Level User Management for Echelon I users.

- Current reporting systems satisfy reporting requirements at SYSCOM levels; however, there is still a desire for Enterprise level data analysis and reporting.
- Critical for leveraging all Navy ERP data to inform decision makers.
- Effort includes
  - Role mapping
  - User support
  - Providing end user training

Goal is to establish resources and tools necessary to enable enterprise users to access enterprise level information needed to assist the decision making and forecasting processes.

Automated Testing Enhancements

Automated Testing Enhancement

- Current testing procedures are primarily executed manually; however, a standard suite of test scripts to provide testing coverage of the full range of functionality has been defined as the program has matured.
- Automation will decrease cost and time to execute full testing cycles faster.
- Not all testing will be automated.
- Automation increases the efficiency for identifying system or process errors associated with system changes.

Navy ERP 6.0 Upgrade

What is the 6.0 Upgrade?

- The upgrade it a major software upgrade of the core SAP solution, its supporting components, and Navy ERP Infrastructure.
- Offers significant technical and functional enhancements and capabilities.

Technical Upgrade

- A pure technical upgrade includes bringing the core technical components of the SAP solution up to fully supported versions.
- Includes upgrading the enterprise technical environment (infrastructure, supporting add-on modules i.e. RDBMS, BW, SCM, etc.).
- Very little new functionality is activated during the technical upgrade. Very little impact on users or business processes is expected.
- The technical upgrade enables additional functionality and capabilities which can be activated later as the need or the desire arises.

Functional Upgrade

- New functionality, which is not available in the previous version, is selectively activated.
- Typically is more complex and challenging as it has the potential for a far greater impact on the users, business processes, and external dependencies.

Knowledge Management Enhancement | Training Material Enhancement | Echelon I User Management Enhancement | Automated Testing Enhancements | SAP ECC 6.0 Upgrade

Benefits of the Optimized Sustainment

Reduced volume of trouble tickets with access to problem resolutions and faster content search.

Result: A more productive user base.

Improved efficiency with self service capability in Knowledge Management tool.

Result: Less dependency on super users.

Provide access to timely and accurate operational data at Echelon I.

Result: Improved decision and forecasting processes.

Reduced manual efforts required to test, execute and track system changes.

Result: Reduced risks, a reliable audit trail, and reduced costs associated with systems changes.

Improved BI Tools empower the Navy Enterprise user to create dashboards and Ad-Hoc Queries without the involvement of Navy ERP resources.

Result: Fast, more responsive, less expensive reports.

Standardized Business processes enable enterprise policies and controls to be utilized by the entire Navy ERP Enterprise.

Result: More auditable financial environment.

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References

Web Sites

FMO Website: http://www.fmo.navy.mil

NAVY ERP Website https://inside.erp.navy.mil **(CAC)**

ECP Website https://inside.erp.navy.mil/ECP **(CAC)**

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